SHARDUL NEGI

negi.s@northeastern.edu
(857)204-9632
https://github.com/negimagss
linkedin.com/in/shardul-negi/

SKILLS

Languages: Java, Python, JavaScript, C#
Database: MongoDB, Casandra, MySQL, PostgreSQL
Technical Skill: HTML/CSS, Angular, Node.js, AWS, React Native, React
Frameworks & Areas: .Net Core, Node Js, Swing, Java Spring, CI systems (AWS), Django framework, Automation and API creation with REST, Angular, React JS, AWS EC-2, Circle CI, AMI's, Cloud Formation, Data Structures, Web Assembly, Lucene library for searching, Babylon JS, Google Analytics, Spring Boot

EDUCATION

Northeastern University Master of Science in Computer and Information Systems **Jan 2018 - May 2020**
Relevant Courses: Data Structures and Algorithms, Web-Development, Applied Enterprise and Product Development, Database Management, Cloud Computing and Dev-ops, Web Design, Web Assembly .Net Core
College of Engineering Roorkee, B.E. in Electrical Engineering **July 2009 - May 2013**

EXPERIENCE

Software Engineer Intern, **American Tower, Boston, MA** **June 2019– Dec 2019**

- **Worked as a frontend engineer,** decomposing the existing UI (Java Swing) to move towards a .Net based framework UI using React, HTML, CSS and JS. Created modules assigned for tower creation and page functionalities.
- **Worked on backend** to restrict user access creating IAM roles based upon their credentials using RESTFUL architecture.
- The existing UI was a 2D structure, I developed a 3D model POC to render the same to the web application using Babylon which was adopted by the company. Developed application increased **productivity by 60% and is being used by 1600 engineers.**
- **Mentored a team of 5 testers for** setting up the Test Automation Suite with **Selenium and Rest Assured.**
  Technology Stack: .Net Core, MSL server, Java Spring for REST, React JS, Babylon JS

Teaching Assistant, Northeastern University, **Boston, MA** **Jan 2020 - May 2020**

- **Tutored 60 students** through coursework of Web Design by taking concept classes and helping the professor to check assignments.

Software Analyst, **Huawei, Bangalore, India** **Sep 2016 – Dec 2017**

- Worked on deployment and CI/CD of the build cycle for four teams using **Jenkins & Circle CI** for seamless release process for each Agile cycle.
- **Worked full-stack** (**micro-services architecture using REST APIs** and UI using Bootstrap, AngularJS) involving multiple layers such as Shell, Python, Java, AngularJS, React framework.
- Designed and developed a tool which generates a **DB configuration XML in Core Java using Spring Boot.** The generated XML installed the Suse software over a distributed system having 1 to 256 nodes which used Round Robin Algorithm for separation.
  Technology Stack: Java Hibernate, Angular, PostgreSQL, Suse, RedHat Linux, HWS (Huawei Webservice)

Software Engineer, **Accenture, Bangalore, India** **Jan 2014 - Sep 2016**

- Implemented task automation and analytics software for warehouse management at Walmart; currently deployed at 1000+ facilities in the US, UK and Canada with 34% increase in task completion times, saving over $4mm per annum.
- Designed Rest API for the Spring application for 6 modules of the Next Gen Application.
- Used **Lucene Java library to** create a search functionality for finding warehouse data saved in .txt file format to increase the searching of the records by 40%.
  Technology Stack: Java, Jenkins, Angular, Selenium, Lucene

ACADEMIC PROJECTS

Genetic Algorithm, **Data Structure and Algorithms** **Sept 2018 - Oct 2018**

- Used Genetic Algorithm to recreate an image by mutating RGB combinations and getting the closest image.

Code Deployment AWS, **Cloud Computing and CI/CD** **Jan 2019 - Apr 2019**

- Mocked the cloud deployment in AWS, making use of VPC, lambda, and AWS cloud implementations to deploy and integrate an application with Circle CI for integration and run test in every build.

Spotify Playlist Emulator, **Web Development and Design** **Sept 2019 - Oct 2019**

- The app uses the OAuth authentication from your Spotify and suggests the songs from your networks playlist which are most listened to in order of ranking. It also made use of sentiment analysis to tell the mood of the song, inferring the mood of the user with 60% accuracy.